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A.D. 1855 . . . . . N° 1933.

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S P E C I F I C A T I O N

OF

CELSE EUGÈNE CAPRON.

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CUPPING APPARATUS.

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L O N D O N :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

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A.D. 1855 . . . . . N° 1933.

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### Cupping Apparatus.

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**LETTERS PATENT** to Celse Eugène Capron, of 4, South Street, Finsbury, London, and 39, Rue de l'Echiquier, Paris, in the Empire of France, Gentleman, for the Invention of "**AN IMPROVED CUPPING APPARATUS.**"

Sealed the 26th February 1856, and dated the 27th August 1855.

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**PROVISIONAL SPECIFICATION** left by the said Celse Eugène Capron at the Office of the Commissioners of Patents, with his Petition, on the 27th August 1855.

I, CELSE EUGÈNE CAPRON, of 4, South Street, Finsbury, London, & 39, 5 Rue de l'Echiquier, Paris, in the Empire of France, Gentleman, do hereby declare the nature of the Invention of "**AN IMPROVED CUPPING APPARATUS**" to be as follows, that is to say:—

My Invention consists in the mode of constructing cupping apparatus for obtaining non-intermittent suction. In Figures 1 & 2, A represents a caout-  
10 chouc ball; B, the sucking or exhaust valve, placed at the top of the caoutchouc ball, & the forcing valve B<sup>1</sup> at the lower internal part of the ball; C, C, represents stop-cocks, adapted to the caoutchouc ball; D, D<sup>1</sup>, D<sup>11</sup>, D<sup>111</sup>,



*Capron's Improved Cupping Apparatus.*

Figures 2, 3, 4, & 5, represent bell & other glasses of different forms & sizes. Figure 3 represents an apparatus fitting the caoutchouc ball, composed of several bell glasses, & serving to cup several places at once.

**SPECIFICATION** in pursuance of the conditions of the Letters Patent, filed by the said Celse Eugène Capron in the Great Seal Patent Office on 5 the 27th February 1856.

**TO ALL TO WHOM THESE PRESENTS SHALL COME**, I, CELSE EUGÈNE CAPRON, of 4, South Street, Finsbury, London, and 39, Rue de l'Echiquier, Paris, in the Empire of France, Gentleman, send greeting.

**WHEREAS** Her most Excellent Majesty Queen Victoria, by Her Letters 10 Patent, bearing date the Twenty-seventh day of August, in the year of our Lord One thousand eight hundred and fifty-five, in the nineteenth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Celse Eugène Capron, Her special license that I, the said Celse Eugene Capron, my executors, administrators, and assigns, or such others as I, the 15 said Celse Eugène Capron, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**AN IM- 20 PROVED CUPPING APPARATUS**," upon the condition (amongst others) that I, the said Celse Eugène Capron, by an instrument in writing under my hand and seal, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and 25 immediately after the date of the said Letters Patent.

**NOW KNOW YE**, that I, the said Celse Eugène Capron, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, reference being had to the Drawing hereto annexed, and 30 to the figures and letters marked thereon, that is to say:—

This Invention consists of an apparatus, as represented in the annexed Drawings, in the lower part of which a partial vacuum is produced by means of a vulcanised india-rubber ball, in connection with suitable valves, which apparatus forms a substitute for the ordinary cupping glass. It may be 35



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*Capron's Improved Cupping Apparatus.*

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employed also for withdrawing the milk from the breast, and can be used as an artificial leech in the form represented in Figure 7.

Figure 1 is an elevation of the apparatus; Figures 2 and 3 are valves; Figure 4 is a modification of the apparatus; Figures 5 and 6 shew the form of the valves employed; and Figure 7 is used as a substitute for the leech.

A, Figure 1, is a strong vulcanised india-rubber ball, firmly cemented or otherwise secured to the brass caps or fittings B, B<sup>1</sup>. In these caps are screwed the valves C, C<sup>1</sup>, shewn full size in Figures 2 and 3, each opening upwards, allowing the air to pass through a small hole made in them. At the lower  
10 part of the brass cap B<sup>1</sup> is fitted a stop-cock D, for regulating the partial vacuum in the cup F, composed of glass or other suitable material, cemented to the brass cap G. This cap is also furnished with a valve of the same construction as before described.

Figure 4 is a modification of the apparatus. It consists of a vulcanised  
15 india-rubber ball A, fitted to the brass cap B<sup>1</sup>, as in the former case. The exhaust valves C, instead of being placed at top and bottom, are both fixed to the lower cap B<sup>1</sup>. The stop-cock and cup are of the same construction as those of Figure 1. The air exhausted from the cup F passes through the small holes in the top of the valves C, represented by dotted lines in Figures 5 and 6, and  
20 in Figure 1 out of the small hole H in the top of the cover I. J, Figure 7, represents a glass tube secured to a brass cap K, provided with a stop-cock L. The conical tube M is fitted in the brass cap B<sup>1</sup> of the india-rubber ball. This form of the apparatus is used in the same manner as those before described, and is employed as a substitute for the leech.

25 When the above apparatus are required to be used for drawing blood, the cup or tube is placed firmly over the part to be operated upon, incisions in the flesh having been previously made. The stop-cock D is opened, and by compressing the india-rubber ball A, the air contained in it is forced out through the valve C and the hole H, Figures 1 and 4. The ball in expanding by its  
30 elasticity withdraws the air from the cup F or tube J, thus forming a partial vacuum. This operation being repeated until the requisite pressure on the part is obtained, the stop-cock D is closed. When a sufficient quantity of blood has been cupped the apparatus is removed, by lifting the cup so as to allow the air to enter. The employment of the above improved apparatus renders the  
35 operation of cupping simple, more expeditious, and effective.

Having now described the nature of my said Invention, and the manner in which the same is to be performed, I wish it to be understood that I do not confine myself to the precise details herein laid down; but what I claim is, the



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*Capron's Improved Cupping Apparatus.*

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construction of cupping apparatus, in the manner and for the purposes hereinbefore described, and represented in the annexed Drawings.

In witness whereof, I, the said Celse Eugène Capron, have hereunto set my hand and seal, this Twenty-first day of February, in the year of our Lord One thousand eight hundred and fifty-six. 5

C. E. CAPRON. (L.S.)

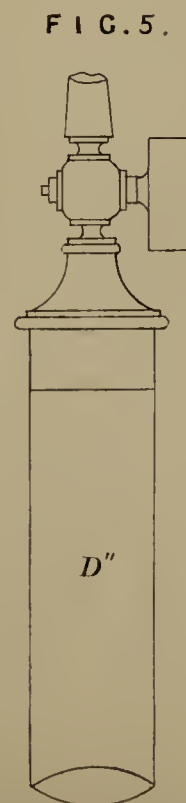
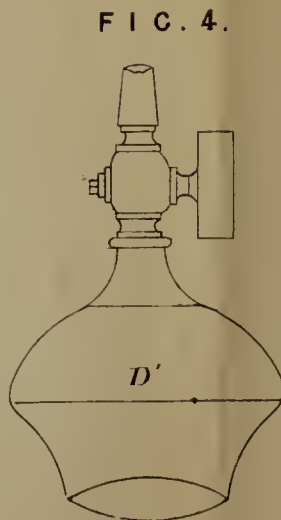
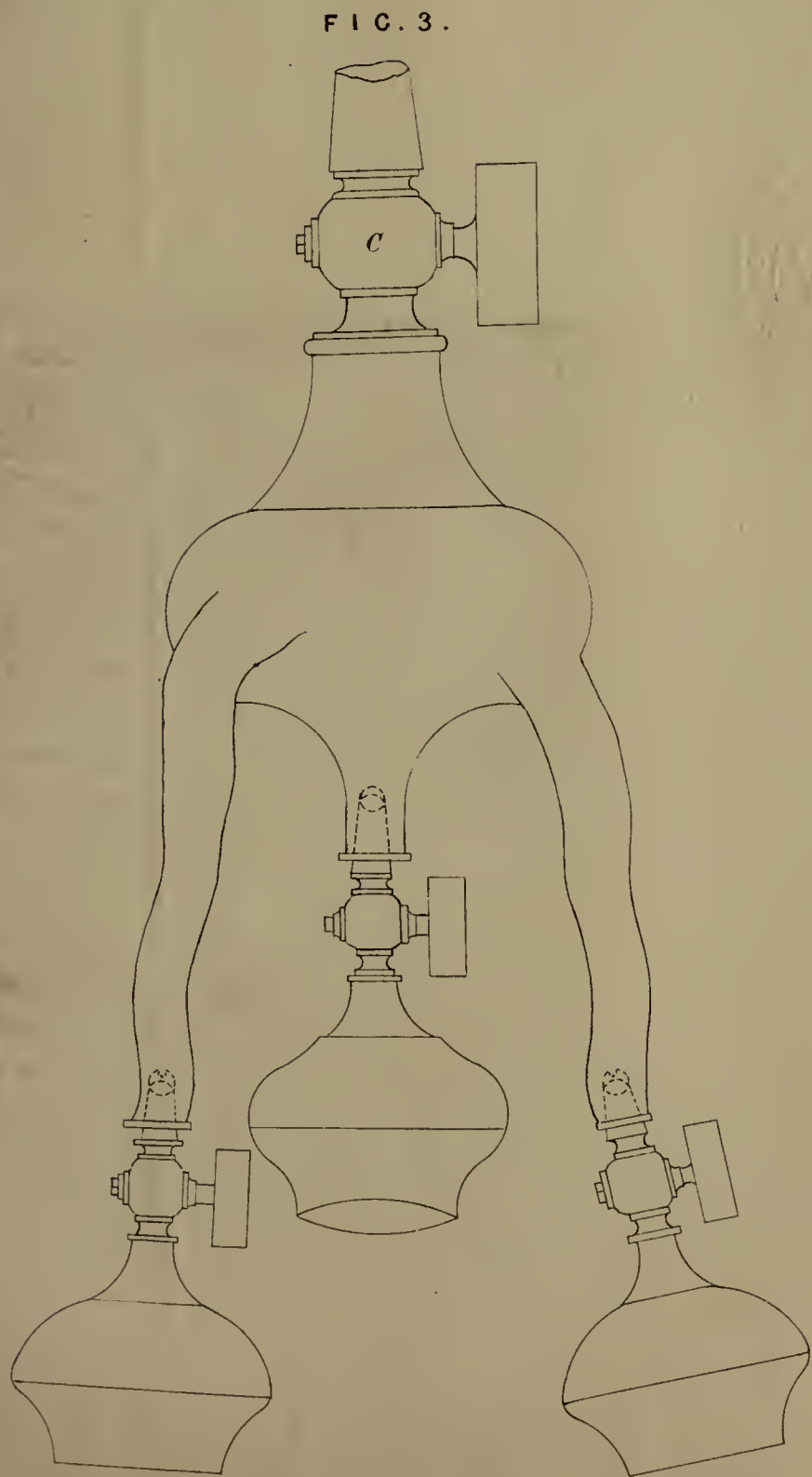
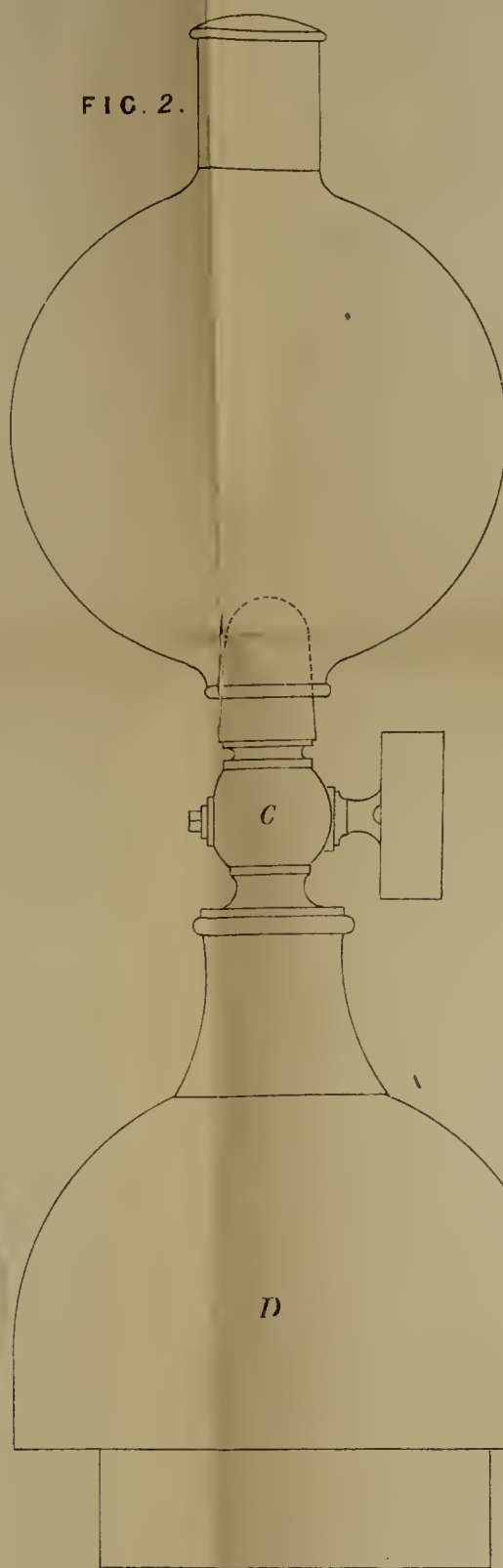
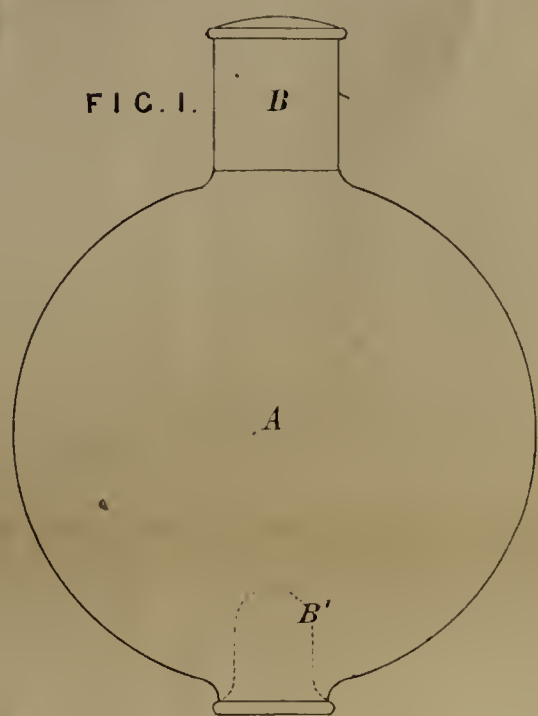
Witness,

J. W. F. MENNONS.

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LONDON :

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Printers to the Queen's most Excellent Majesty. 1856.

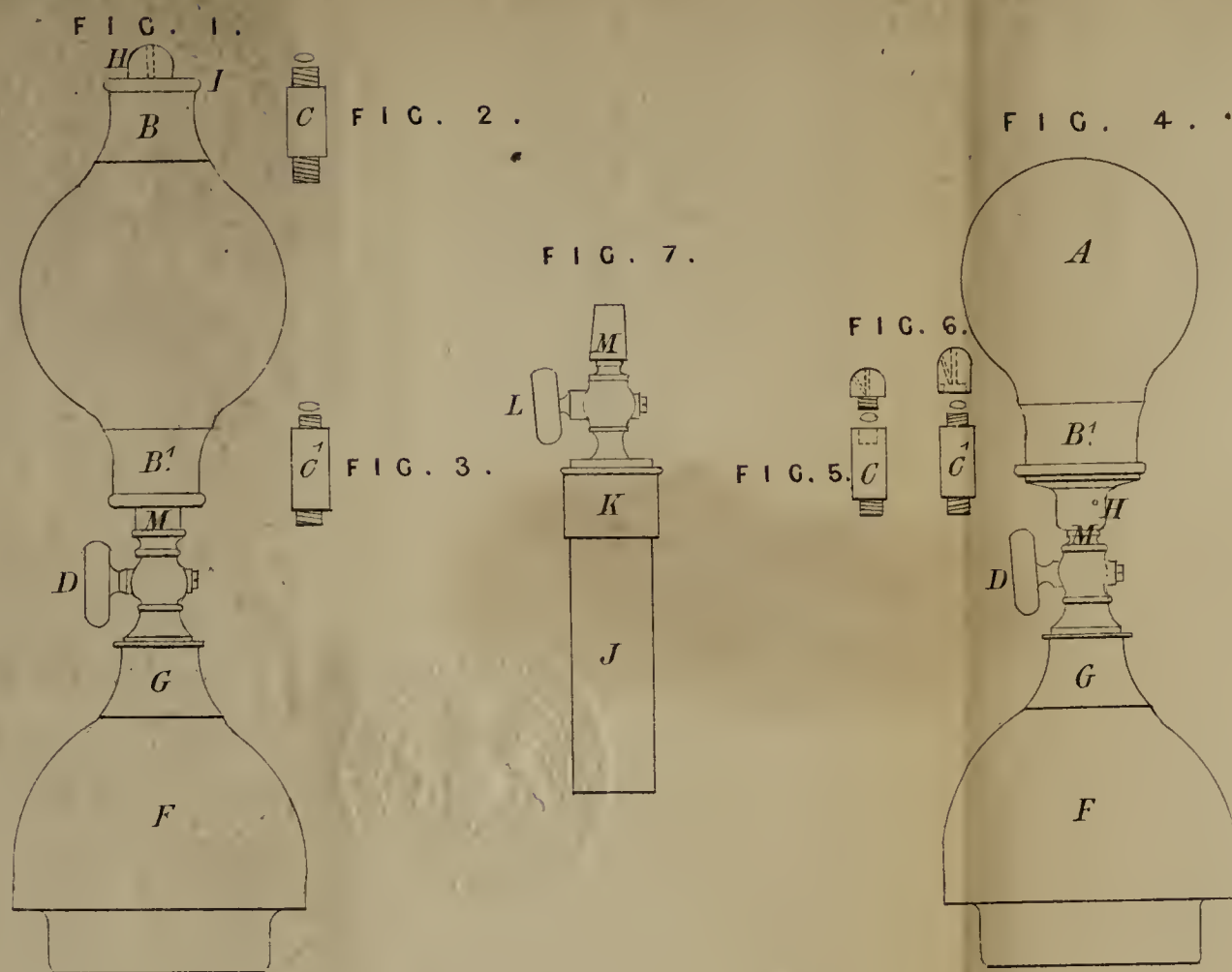


The drawing left with Provisional Specification is partly colored.

Drawn on Stone by Malby & Sons







The filed drawing is not colored.

Drawn on Stone by Malby & S.

